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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. XI, No. 4

HELENA INDEPENDENT-RECORD
HELENA, MONTANA

APRIL, 1963

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of April, 1963, averaged 85,231 barrels daily, a decrease of 771 barrels from the average March production of 86,002.

The eight refineries in State processed 46,780 barrels of crude oil daily for the month of April, 1963, a decrease of 34,484 barrels from the 81,264 barrels processed daily during the month of March, 1963.

During April, 31 wells were completed, 18 oil, 0 gas wells and 13 dry holes.

During April, the commission issued 32 permits to drill new wells, an increase of 6 from the 26 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1963

IN STORAGE APRIL 1st:

By Producers	391,644
By Transporters	915,187
By Refiners	407,232

TOTAL STORAGE	1,714,063
Produced in Montana During Month	2,556,941
Imported During Month	635,525

TOTALS	4,906,529
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DISPOSITION:

Refined in Montana	1,403,414
Exported	1,437,263
Used for Fuel or Lost	4,404

TOTAL	2,845,081
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IN STORAGE APRIL 30th:

By Producers	351,924
By Transporters	1,025,543
By Refiners	683,981

TOTAL STORAGE	2,061,448
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NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1963

Field	M Cu. Ft.
Bears Den	0
Big Coulee	85,010
Bowdoin	141,723
Bowes	83,741
Box Elder	0
Cabin Creek	59,449
Cedar Creek	227,600
Clarks Fork	0
Cut Bank (including Reagan)	585,804
Devon	0
Dry Creek	104,180
Elk Basin	34,136
Flat Coulee	29,989
Golden Dome	18,010
Grandview	0
Hardin	5,228
Havre	0
Keith Block	274,744
Kevin Sunburst	67,712
Pine	58,034
Plevna	13,072
Utopia	82,138
Whitlash	234,370
Miscellaneous	12,349
TOTAL	2,117,289

Total Withdrawals for April, 1962
were 1,791,362 M Cu. Ft.

PRODUCERS REPORT—MONTH OF APRIL, 1963

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	662	2,164	-----	2,415	-----	411
4	Bannatyne	8	977	1,129	-----	854	-----	1,252
1	Bascom	1	355	727	784	-----	-----	298
4	Bear's Den	5	1,500	2,700	-----	2,808	-----	1,392
1	Belfry	1	246	546	-----	586	-----	206
1	Benrud	1	195	2,096	1,694	-----	-----	597
1	Benrud East	1	663	15,049	15,010	-----	-----	702
11	Big Wall	31	2,548	25,475	24,993	461	-----	2,569
9	Blackfoot	14	2,550	6,601	6,093	-----	-----	3,058
4	Border	4	96	801	-----	710	-----	187
1	Bowes	76	3,723	15,250	15,871	-----	-----	3,102
1	Brady	1	180	493	547	-----	-----	126
2	Bredette North	2	1,669	574	526	-----	-----	1,717
10	Cabin Creek	116	19,107	298,373	307,476	-----	-----	10,004
14	Cat Creek	95	3,811	19,483	19,410	-----	-----	3,884
1	Clark's Fork	1	-----	230	146	-----	-----	84
1	Clark's Fork North	1	1,817	629	-----	794	-----	1,652
1	Cupton	1	875	67	-----	-----	-----	942
212	Cut Bank	1,079	117,326	148,550	147,506	-----	237	118,133
3	Deer Creek	6	2,637	13,755	15,037	-----	-----	1,355
2	Delphia	2	718	819	-----	904	-----	633
-----	Devil's Basin	-----	1,265	-----	-----	-----	-----	1,265
5	Dry Creek	5	1,366	829	959	-----	-----	1,236
19	Dwyer	20	14,699	58,518	61,119	-----	-----	12,098
8	Elk Basin	59	3,189	225,874	225,681	-----	-----	3,382
2	Fertile Prairie	2	1,032	1,812	1,871	-----	-----	973
3	Flat Coulee	12	2,769	17,822	-----	16,928	-----	3,663
2	Frannie	2	-----	1,234	1,234	-----	-----	-----
2	Gage	2	871	479	523	-----	-----	827
4	Gas City	26	9,275	66,325	68,573	2,334	-----	4,693
6	Glendive	11	2,154	38,718	31,345	6,861	-----	2,666
6	Graben Coulee	15	4,344	8,571	8,769	-----	-----	4,146
4	Gypsy Basin	4	1,079	1,714	1,852	-----	45	896
1	Hibbard	1	316	619	-----	395	-----	540
9	Ivanhoe	18	3,222	33,486	33,753	-----	60	2,895
6	Keg Coulee	13	4,218	29,089	29,119	-----	-----	4,188
158	Kevin Sunburst	879	17,936	49,972	50,996	-----	-----	16,912
2	Little Beaver	24	3,198	26,792	25,838	530	-----	3,622
4	Little Beaver East	21	2,913	27,762	28,505	-----	-----	2,170
2	Lone Tree	3	1,664	6,353	-----	6,069	-----	1,948
20	Lookout Butte	58	6,862	189,271	184,062	4,987	-----	7,084
-----	Mackay Dome	-----	770	-----	-----	-----	-----	770
2	Melstone	5	797	5,470	5,583	-----	-----	684
6	Monarch	16	3,912	15,246	15,947	-----	-----	3,211
4	Mosser	4	-----	979	-----	979	-----	-----
2	Musselshell	2	1,258	673	-----	954	-----	977
7	Outlook	11	8,692	36,748	37,868	-----	-----	7,572
3	Outlook South	3	2,580	2,115	3,301	-----	-----	1,394
43	Pennel	71	5,002	164,701	151,452	13,858	-----	4,393
4	Pine	137	22,173	368,707	377,296	791	-----	12,793
75	Pondera	319	8,350	36,318	35,148	-----	126	9,403
3	Pondera Coulee	3	-----	437	437	-----	-----	-----
5	Poplar, East	88	18,198	132,480	136,318	-----	22	14,338
4	Poplar, Northwest	5	1,171	1,757	1,250	-----	-----	1,678
6	Ragged Point	18	3,167	14,556	15,190	-----	-----	2,533
3	Reagan	43	4,032	20,516	21,757	-----	-----	2,791
9	Red Creek	22	3,118	37,809	36,169	-----	-----	4,758
1	Redstone	1	1,009	936	1,629	-----	-----	316
1	Repeat	1	243	1,843	-----	1,807	-----	279
3	Richey	5	5,070	5,930	6,617	-----	-----	4,383
4	Richey, Southwest	5	2,692	9,953	388	9,476	-----	2,781
4	Sand Creek	5	4,266	11,031	12,398	-----	-----	2,899
7	Sidney-Brorson	7	5,797	5,993	-----	7,005	49	4,736
-----	Snyder	-----	2,379	-----	-----	-----	-----	2,379
6	Soap Creek	10	3,838	4,280	-----	4,533	-----	3,585
1	Spring Lake	1	1,878	9,867	-----	9,470	-----	2,275
2	Stensvad	27	10,480	52,628	56,267	-----	-----	6,841
31	Sumatra	99	10,891	155,695	152,955	-----	-----	13,631
6	Tule Creek	8	3,474	76,321	76,957	-----	-----	2,838
11	Whitlash	29	5,467	11,264	-----	12,893	-----	3,838
-----	Whitlash West	-----	-----	-----	-----	-----	-----	-----
9	Wolf Springs	18	5,253	17,957	17,886	-----	-----	5,324
4	Woodrow	6	871	12,029	12,209	-----	-----	691
1	Wildcat, Sheridan Cty	1	780	1,407	1,926	-----	-----	261
1	Wildcat, Roosevelt Cty	1	-----	544	480	-----	-----	64
816		3,596	391,644	2,556,941	2,486,720	109,402	539	351,924

Total Oil Produced and Shipped from Lease	Bbbs. Produced	Daily Average	Bbbs. Shipped	Daily Average
Year, 1962	31,647,507	86,705	31,739,123	86,956
First Quarter, 1963	7,700,475	86,522	7,645,115	85,900
April, 1963	2,556,941	85,231	2,596,122	86,537
Oil in Storage	In Producers Field Tank	In Transporters Storage*	In Refiners Storage*	Total Oil in Storage*
December, 1962	350,355	917,246	595,843	1,863,444
March, 1963	391,644	915,187	407,232	1,714,063
April, 1963	351,924	1,025,543	683,981	2,061,448

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF APRIL, 1963

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,415				2,415		
BANNATYNE—Truck			854			854			
BEAR'S DEN—Truck			2,808			2,808			
BELFRY—Truck			586					586	
BIG WALL—McWood Corp.			461			461			
Glacier Pipe Line Co.		24,238				24,238			
		24,238	461			24,699			
BLACKFOOT—Union Oil Co.		6,093				6,093			
BORDER—Truck			710					710	
BOWES—Texaco, Inc.		15,871				15,871			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	346,629	1,003,996		654,241			1,637,953		366,913
Shell Pipe Line Corp.	2,716	295,595		665	1,137			292,718	5,121
Truck			33,783					33,783	
	349,345	1,299,591	33,783	654,906	1,137		1,637,953	326,501	372,034
CAT CREEK Glacier Pipe Line Co.		16,283				16,283			
CLARK'S FORK—Truck			794					794	
CUT BANK									
Darling Gathering System, Inc.	2,101	5,990						6,328	1,763
Glacier Pipe Line Co.				103,607				103,607	
Phillips Petroleum Co.	16,628	49,943		51,419	93	20,701		57,795	39,401
Texas Pipe Line Co.	18,716	20,459		20,101	(7)	12,269		27,605	19,409
Teton Pipeline Corp.	56,087	34,678		75,885	637			105,345	60,668
Union Oil Co.	69,070	56,159		27,767	(392)	86,057			67,331
	162,602	167,229		278,779	331	119,027		300,680	188,572
DELPHIA—Truck			904			904			
DRY CREEK— Marathon Pipe Line Co.	8,765	959			(100)				9,824
ELK BASIN—Ohio Oil Co.		225,677				225,677			
FLAT COULEE—Truck			16,928			16,928			
FRANNIE—Marathon Pipeline Co.		1,234					1,234		
GAGE—Glacier Pipe Line Co.		526				526			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK Texas Pipe Line Co.	10,009	77,852			(220)			75,655	12,426
Truck			6,861					6,861	
	10,009	77,852	6,861		(220)			82,516	12,426
HIBBARD—Truck			395			395			
IVANHOE—Glacier Pipe Line Co.		34,213				34,213			
KEG COULEE Glacier Pipe Line Co.		28,986				28,986			
KEVIN SUNBURST									
Big West Oil Co.	2,274	77,922				76,310			3,886
Homestake Oil & Gas Co.	2,428	2,772		6,328		9,645			1,883
Texas Pipe Line Co.	5,937	20,232			119			20,101	5,949
	10,639	100,926		6,328	119	85,955		20,101	11,718
LONE TREE—Truck			6,069				6,069		
MELSTONE— Glacier Pipe Line Co.		5,583				5,583			
MOSSEY—Truck			979					979	
MUSSELSHELL—Truck			954				954		
PONDERA—Phillips Petr. Co.	10,112	37,087		52,342	(698)	65,323			34,916
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY & TULE CREEK East Poplar Gathering System Hunt Petroleum Corporation	8,967	321,667			1,021			315,529#	14,084
		19,798					19,798		
	8,967	341,465			1,021		19,798	315,529	14,084
RAGGED POINT— Glacier Pipe Line Co.		14,436				7,703	6,733		
RED CREEK—Teton Pipeline Co.		41,739			418			41,321	
Mountain Crude Marketers		2,570		6,023				8,593	
		44,309		6,023	418			49,914	
SIDNEY-BRORSON—McWood Corp.	7,089		4,746	1,296				9,102	4,029
Truck			2,259					2,259	
	7,089		7,005	1,296				11,361	4,029
SOAP CREEK—McWood Corp.	329		4,533	1,176		714			5,324
SPRING LAKE—Truck			9,470				9,470		
SUMATRA AND STENSVD Glacier Pipe Line Co.	347,330	208,971		272,693	795	170,964	284,619		372,616
WHITLASH— Truck			12,893			12,893			
WOLF SPRINGS Glacier Pipe Line Co.		17,886				17,886			
TOTALS	915,187	2,669,415	109,402	1,273,543	2,803	860,285	1,969,245	1,109,671	1,025,543

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF APRIL, 1963

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		24,699							24,699
Blackfoot								1,666	1,666
Bowes			14,964						14,964
Cat Creek		14,244				4,085			18,329
Cut Bank	9,366						58,093	54,915	122,374
Delphia						1,335			1,335
Devil's Basin						76			76
Dry Creek				1,102					1,102
Elk Basin		89,383		60,102	76,192				225,677
Flat Coulee	16,928								16,928
Gage			526						526
Hibbard						1,125			1,125
Ivanhoe				34,213					34,213
Keg Coulee		28,986							28,986
Kevin Sunburst	20,633								20,633
Melstone				5,583					5,583
Mosser			979						979
Pondera							30,531		30,531
Ragged Point				7,703					7,703
Reagan								21,757	21,757
Red Creek					5,062			231	5,293
Soap Creek		714							714
Sumatra & Stensvad				169,803					169,803
Whitlash	12,893								12,893
Total Montana Oil	59,820	159,531	14,964	278,506	81,254	6,621	88,624	78,569	767,889
Canadian Oil Imported		116,493			28,775			1,783	147,051
Wyoming Oil Imported		223,705		120,924	138,763	5,082			488,474
Total Montana, Canadian and Wyoming Oil	59,820	499,729	14,964	399,430	248,792	11,703	88,624	80,352	1,403,414

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1962	30,616	728	45,775	77,119
April, 1962	29,162	534	38,998	68,694
April, 1963	25,596	4,902	16,282	46,780

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1962	39.69%	.96%	59.35%
April, 1962	42.45%	.78%	56.77%
April, 1963	54.71%	10.49%	34.80%

Montana School of Mines
Office of the President
Butte, Montana

